

**IN THE CLAIMS:**

Please enter the following amended claims:

012 ~~50~~ 1  
1. (Amended) A programmable controller for controlling a controlled apparatus by pulse output, comprising:

a pulse generating section for outputting a pulse string having a set cycle;

a pulse dividing section for dividing the pulse string output from said pulse generating section at a predetermined dividing ratio and for outputting an interruption request signal having a cycle which is n times as great as the cycle of the pulse string

where n is a positive integer; and

a central processing unit for executing an interruption processing in response to the interruption request signal output from said pulse dividing section <sup>50</sup> s as to control the output of said pulse generating section. <sub>1</sub>